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# The DX Bulletin

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• America's Oldest Weekly Amateur Radio Publication •

Issue 400 - August 14, 1987

## DXpedition News

### Western Sahara - SØ The SØRASD

DXpedition is on hold for now. Daldur DJ6SI told Japan DX News that his equipment was confiscated by Algerian customs officials, and even his extensive diplomatic contacts were unable to help. Stay tuned.

Juan de Nova - FR/J FR5ES/J is proving weak but workable. Try RFØFWW's net on 14198 kHz at 0500Z, and Jim Smith VK9NS's net on 14220, or the INDXA net on 14236 at 2100Z. Also watch 40 meters 03-0500Z, especially 7004 and 7080 kHz. QSL F6FNU, direct only; no bureau cards. Sunrise 0330Z, sunset 1500Z.

Fernando de Noronha - PYØ Five Brazilian DXers will operate from (SA-03) Sept. 9-13, starting about 1400Z. All modes, including RTTY and AMTOR. Calls and home calls are: ZYØFMN (PS7AAH) ZYØFCA (PS7WB) ZYØFKL (PS7KM) ZYØFRT (PS7BY) ZYØFCM (PS7PC). QSL to Karl Mesquita Leite PS7KM, Caixa Postal - 385, 59001 Natal-RN, Brazil. QSL direct only, with SAE and postage. Sunrise 0810Z, sunset 2006Z.

St. Pierre - FP NE4L will be /FP Sept. 11-14, on 160-6 meters, CW and SSB. Watch 14025 and 14180 kHz. He'll run an amp and tribander, and will answer bureau cards after handling the direct QSLs. And he'll take skeds for 160, 80 and 6 meters.

Trinidad - 9Y Rick Dougherty NQ4I will be on as 9Y4Z in CQWW CW and SSB, 160-10 meters.

Rare Oblasts The Russians have caught DXpedition fever, and are putting many rare Oblasts on the air:

UZ9OWM/UAØZ from #128 is on Commander Is. in the Bering Sea. Watch 1835 3510 7010 14025 21025 or 1875 3610 3795 7080. QSL to UA90BA. UA3PW/UA8V was on from #175 last week, with several different calls. UI8V #181 is scheduled for next month, as is UA8T #174 for 10 days in Oct. And UAØX #139 is due on at the end of Sept. and early Oct., by the UA9M and UA90 gang.

French Polynesia - FO Bob K4UVT will visit Tahiti and Moorea (OC-46), and Bora Bora (OC-67) Sept. 17-Oct. 3, operating as FOØDRD on 80-10 meters CW and SSB. QSL P O Box 61733, Sunnyvale CA 94088.

Iwo Jima - KA KA2PF will be on as KA2IJ and 7J1ADJ/JD1 Sept. 2-16 on 160-6 meters, CW, SSB and RTTY. HL9TM will join him on (AS-30) as 7J1AE?

## Shortly Noted

- Ross Forbes WB6GFJ should be wrapping up his C21NI operation soon. Ross likes 14185 kHz. QSL home call.
- A61AB went to England for a month beginning July 27. Look for him again in Sept.
- PAØGAM/ST2 finally got his license, and has been worked on 15 meter CW. QSL to Box 3794, Khartoum.
- C53FC/5U has checked into Snookie's net on 14183. No word on documents. Other Niger stations, such as TU4BR/5U, have supplied papers to the DXCC desk.
- Paraguayan hams are using the cumbersome ZP450A call (with a letter to indicate operator: /A) in honor of 450 years of Asuncion, through August 16th. A card/certificate is available from Radio Club Paraguayo, Box 512, Asuncion. No IRCs needed.
- CT1BY in Portugal is using special calls through the end of the year: CT7BY in July, CT8BY in Aug., CS2BY in Sept., CQ1BY in Oct., CS4BY in Nov., and CS5BY in Dec. US hams may QSL via WA3HUP.
- PZ1BS is very active on RTTY around 14086-94, at 0000-0030Z, and at other times.
- BY4RB continues to hand out China QSOs on 14026 kHz at 12-1300Z.
- Graham VKØGC has been a regular in Jim Smith VK9NS's net on 14220 at 0300Z, and often goes down to 14200 at 0500Z, free-style. Graham wraps up his stint on Macquarie (AN-05) in December.

— Chod Harris VP2ML Editor

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# PROPAGATION

## Forecast and Historical Data

Day Forecast		27 Days Before				55 Days Before			
August		Date	Flux	A	K	Date	Flux	A	K
14	Low Normal	7/18	80	15/17	2	6/20	79	08/18	2
15	High Nor	7/19	82	10/15	2	6/21	80	07/11	1
16	High Nor	7/20	91	07/13	2	6/22	84	05/10	1
17	High Nor	7/21	93	07/11	1	6/23	85	05/09	1
18	Above Nor	7/22	106	07/11	1	6/24	86	10/09	2
19	Above Nor	7/23	112	05/10	1	6/25	84	10/13	2
20	Above Nor	7/24	111	08/13	4	6/26	82	11/18	1
21	High Nor	7/25	111	17/21	3	6/27	76	08/10	0
22	High Nor	7/26	110	03/09	0	6/28	77	04/10	1
23	High Nor	7/27	102	05/12	1	6/29	74	05/10	1
24	High Nor	7/28	99	15/27	4	6/30	68	05/08	0
25	High Nor	7/29	94	40/69	4	7/1	74	02/07	1
26	High/Low	7/30	91	10/18	2	7/2	72	03/08	1
27	High Nor	7/31	89	12/30	-	7/3	71	09/13	2
28	High Nor	8/1	88	12/24	-	7/4	71	09/14	2

Thanks N4XX and KH6BZF

### Propagation Watch

The solar fireworks of the end of July helped boost the Average Sunspot Number for that month to 33.0, second only to April so far this year. We look for a recurrence of this fine propagation when the sun rotates around again in mid-August, especially Aug. 18-23. The good bands will likely be followed by the recurrence of the solar storm that shot the Boulder A-index up to 40 on July 29, effectively wiping out the bands.

Solar flux levels about 100 will open 10 meters to some part of the world, especially along north-south paths. Look for 15 meters to open to higher latitudes and stay open longer. And of course 20 meters can show excellent long-haul DX and openings that remain long after local sunset. By early next year, the average flux will be about 100, and the bands will be this good most of the time!

### Cycle 22

The smoothed average sunspot number for January, 1987 is 17.5, another jump from the previous month's total of 16.2. This is the fourth consecutive rise in this critical index, adding strength to the opinion that Sunspot Cycle 22 began in Sept., 1986.

Note that the smoothed A-index also rises with the sunspot number. Expect more absorption and solar storm activity with increasing sunspots. You can escape much of the absorption by going higher in frequency. Moving from 20 to 10 meters reduces absorption by a factor of four.

### Important Notice

#### No The DX Bulletin Next Week

With this, the 400th issue of The DX Bulletin, your editor will take a week off to move into a new QTH (on the top of a mountain!) We'll resume publication with Issue 401, the start of our ninth year, on August 28. If you add in the 11 years that Hugh Cassidy WA6AUD published our predecessor, the West Coast DX Bulletin, we are entering our 20th year of publication! You'll see a new look to The DX Bulletin in coming months, so tell your fellow DXers about The DX Bulletin. -ed.

#### -Bandpass continued-

#### -----15 Meters-----

5H1GI	21040	1930	26	OR	KG4GN	21230	1620	3	MO
7P8DP	21231	1448	1	NH	PY2LMA	21018	2010	2	CA
9Q5DA	21030	2129	4	MD	V44KQ	21305	2205	1	MA
EA6/G6ZY	21027	2051	2	FL	VK9ND	21269	0150	30	MO
FK0AW	21239	0344	2	CT	YC5BLB	21244	1615	26	VA
FK8CP	21261	0131	3	MD	ZL3AAM	21323	0128	30	MO
FO0FB	21295	0122	3	MD	ZP5PX	21248	2240	2	CA
HK3MAH	21295	2235	2	CA	ZS1JD	21327	1607	3	MO
J73CB	21312	2222	1	MO	ZS6UN	21240	1554	1	NH

#### -----10 Meters-----

CE4JZS 28530 1950 2 CA

• 400 TDXB

# ISLANDS ON THE AIR

- AF-19 Pantelleria Island IT9VDQ/IH9 now-August 30. QSL home call.
  - EU-46 Ringvassoy Island LA2HGA promises activity.
  - NA-84 Harrington Island VE2LJ (in CQ Zone 2) is often on 40 CW. QSL VE3JDO.
  - SA-18 Chiloe Island G3CWI/CE7 now-August 21.
  - SA-?? Wollaston Island G3CWI/CE8 Sept. 14-Oct. 11.
  - NA-45 Cancun Island F2VX August 14-19, as an XE.
  - EU-32 Oleron Island FD1JJE until August 17.
  - EU-?? Brioni Island by the Marjan Radio Club YU2CBM, operating as 4N2M QSLs via YU2CBM.
  - AS-31 Ogasawara JR2FOE/JD1 14030 kHz at 1200Z.
  - OC-66 Tuamotu Island Ross FO0FB operated from this one. QSL WB6GFJ.
  - AS-39 Camandor Island UZ9OWM/UA0Z has been on. See Bandpass.
  - EU-41 Madalena Island I2ZBX/IM0 until August 16.
  - EU-17 Stromboli Island I2DMK/ID9 Until August 27. QSL via I2MQP.
- [The current Islands On The Air list and rules are available from The DX Bulletin for \$3, postpaid.]

### Top Band News

Although 160 meters is slow this time of year, there continues to be plenty of interest in the band. ON4UN's new book on low band DXing will inspire some activity this winter. Meanwhile in Top Band News, we have:

HB9AMO was indeed the first person to qualify for the CQ WAZ 160 meter award with all 40 zones. N4JF and AB90 won plaques numbered 2 and 3, respectively. Two plaques are still available for working all 40 zones. Contact W4KA for details.

Romania YO now has full 160 meter permission: 1810-1850 kHz. This means the only European country not to have a 160 meter allocation is Albania ZA.

Rob Koziomkowski KE2BA (ex-KA1SR) is now active from his new Rome NY location. His Low Band RTTY Bulletin is on 14094 kHz 15-0100Z, and on 7094 kHz 01-1500Z, 60 wpm, LSB. Access: CR/LF DX CR/LF.

### Wanted

Collins fanatic Jock White ZL2GX is looking for an illuminated Collins sign for his shack. Anyone knowing the whereabouts of such a sign is asked to contact John Knight W6YY or The DX Bulletin.

Einar LA1EE would like to receive any tape recordings that DXers may have made of the operation from Peter I Island. Please make a copy of the tape, and send it to Einar.

And Jan Perkins N6AW is compiling information for a series of articles and a book about Don Wallace W6AM. If you have a story to tell about Don, jot it down. If you have pictures of Don or his station from past years, please make a copy (costs reimbursed.) Contact Jan at 6200 East Ocean Boulevard, #7, Long Beach CA 90803.

### Not "Not In Log" Says W2GD

John Crovelli W2GD says he did indeed log European 160 meter QSOs during the ARRL CW test this past February, contrary to the information previously published in The DX Bulletin. Although John, operating as P40GD, concentrated on EU after the contest, he did log many European 160 contacts during the test, and will QSL those QSOs. Thanks for setting the record straight, John.

He will be returning to Aruba this November for CQWW CW in the single op category, with plenty of 160 meter activity before and after the contest, as well as some multiplier chasing on Top Band during CQWW.



# BANDPASS

Reports Wanted,  
Especially RTTY, 30 meters

-----RTTY-----  
4X6RA 14090 2225 2 WA  
8R1RPN 14086 1941 2 MA  
9Y4VU 14095 0102 3 WA  
A22BW 14091 1431 25 CA  
C31NP 14089 2320 3 WA  
CN8EL 14089 2211 25 WI  
CO2BB 14093 2226 2 WA  
CP8HD 14092 0200 24 ND  
CX7BY 14090 2325 3 MA  
D44BC 14085 1941 3 WA  
D44BC 14093 1711 31 CA  
EA6XQ 14082 2104 24 WI  
EA9JZ 14097 2122 2 CA  
FG5UQ/FS 14099 2144 25 WI  
FP5DF 14087 1405 3 WA  
FP5DF 14091 2334 25 CO  
HC5K 14094 0123 2 CO  
HL4IID 14096 1140 23 ND  
HP1XJZ 14083 0229 24 ND  
KH3/ 14089 0410 13 CO

KL7LF  
KP2BI 14097 2317 3 CA  
KX6OI 14087 0403 1 CA  
KX6OI 14090 0302 22 WI  
LX2EL 14084 2140 27 ND  
OZ2X 14097 2046 25 WI  
PS7KN 14083 2300 2 CA  
RV9FQ 14095 0314 15 CO  
TA1F 14096 0030 26 ND  
TG9NR 14089 0242 24 WI  
TR8DX 14090 0000 2 CA  
TR8DX 14090 0033 3 WA  
UA9CA 14088 1312 2 CO  
V44KAR 14087 0010 27 WI  
VS6AHX 14088 1339 2 CO  
VS6AHX 14089 1415 3 WA  
VU2GI 14087 0130 28 ND  
XX9DN 14097 1344 2 CA  
XX9TDM 14096 1327 25 CO  
YS1GMV 14080 2130 3 WA  
YS7HL 14084 2135 3 WA  
ZP5JCY 14092 0026 2 WA

-----40 Meters-----  
4S7RO 7004 1322 27 OR  
5N9/ 7026 0004 3 NY  
IK1FOS  
9L1GG 7009 0032 4 MA  
BY4RB 7003 1137 5 CA  
C21XX 7026 0552 19 VA  
DU2/ 7003 1310 6 CA  
KB6MVB  
EA8AAU 7011 0420 27 VA  
EA8IR 7035 0555 19 VA  
FK8DD 7029 0726 31 OR  
FK8EJ 7006 1122 29 WV  
FO5BI 7029 0726 31 OR  
FR5ES 7001 1430 20 OR  
FR5ES/J 7004 0352 4 MN  
FR5ES/J 7080 0408 5 OR  
FR5ES/J 7005 0400 6 NJ  
HL2IKY 7009 1325 6 CA  
HL5BRU 7005 1420 4 CA

IA5/ 7006 0435 30 WV  
I2ZGC  
IM0/ 7004 0430 6 NJ  
I2ZBX  
KP2J 7029 2211 1 GA  
SV1DO 7003 0356 1 WV  
T77C 7012 2350 3 MA  
TU2AZ 7040 2105 1 NY  
UA0QH 7021 1324 6 CA  
UA0Z/ 7010 1438 6 CA  
UZ9OWM 7009 1445 6 OR  
UA8V/ 7009 1458 6 OR  
UA3PW  
UA9UR 7005 1338 2 OR  
UF6FAL 7013 0049 2 NY  
UJ8BQ 7004 0015 4 MA  
V31JW 7003 0327 1 WV  
V31TP 7002 0930 4 MA  
VP2VM 7011 0027 3 MD  
VS6DO 7001 1130 5 CA  
VU2TTC 7001 0115 4 FL  
YB7HB 7002 1200 5 CA  
YC5PD 7002 1415 30 OR  
ZL7TZ 7030 0625 19 VA  
ZS5DE \* 7003 1416 6 CA  
ZS6J 7004 1430 3 CA

-----30 Meters-----  
TI2LK 10106 0256 18 MA  
VK2CAJ 10104 1206 29 WV

-----20 Meter CW-----  
4U1ITU 14024 2242 8 FL  
4Z4DX 14026 0207 24 ND  
5B4/ 14028 2106 2 FL

KC7UU  
5L2CU 14002 2316 3 MD  
5V1LU 14002 0430 27 VA  
6Y25IC 14026 2122 2 FL  
9L1GG 14011 2229 1 MN  
9L1GG 14011 2220 3 FL  
9M4GT 14033 2209 29 VT  
9V1TL 14010 1435 27 OR  
9V1TL 14022 1239 31 MN  
AP2MQ 14028 1751 27 MA  
BV2B 14026 1254 2 MN  
BY4RB 14029 1321 1 MI  
BY4RB 14023 1214 2 MD  
BY4RB 14026 1247 31 WV  
C30LEU 14020 2058 5 FL  
C31NP 14018 0025 3 FL  
CE0FFD 14002 0048 7 FL  
CE0ZIG 14035 0253 28 OR  
CX8BBH 14027 0123 3 FL  
EL2EF 14004 0203 31 MT  
FK8FN 14017 0406 8 CA  
FK8FS 14005 0340 26 MO  
FM5BW 14010 2312 5 FL  
HI7KB 14005 0101 4 FL  
HP1XJN 14041 0200 27 OR  
HZ1AB 14052 2321 5 FL  
ID9/ 14022 2312 4 FL

I2DMK  
JW/ 14025 0048 27 MA  
SP5EXA 14024 0109 27 OR  
OF9KK 14027 0120 1 WV  
OX3KD 14035 2018 2 MN  
OX3KD 14009 2318 4 FL  
OY2J 14011 1958 2 MN  
PZ1DV 14016 0349 1 MN  
RA2FD 14033 2312 2 FL

RL7JA 14049 0145 1 WV  
RV0YF 14010 0102 4 MD  
TA1A 14023 2129 4 MD  
TK5IU 14004 2207 3 FL  
TU4CO 14022 2327 1 MT  
TZ6CVY 14004 2211 3 FL  
UA0L/ 14021 1159 23 ND

UB5FDG  
UA0YM 14004 1556 2 OR  
UA10T 14026 1204 27 CT  
UA10T 14030 2238 27 MA  
UA1PAS 14021 1457 27 OR  
UA2FJ 14003 1630 2 CA  
UH8AAU 14020 1448 27 OR  
UH8BZ 14009 1300 3 MT  
UI8OAE 14017 1805 27 OR  
UI8TAE 14040 0200 5 OR  
UJ8BQ 14018 0210 27 MO  
UL7CW 14031 0047 2 GA  
UL7JCK 14011 0205 1 WV  
UL8CWJ 14005 0339 3 MN  
UL8LYA 14028 0156 2 GA  
UZ0AB 14015 0212 1 WV  
UZ0AXX 14018 1305 31 WV  
UZ2FWA 14033 1945 1 GA  
V31TP 14023 1841 1 GA  
V31TP 14019 2315 5 FL  
V32FI 14027 1431 6 CA  
VP2EC 14001 2130 27 OR  
VU2TEC 14007 1400 25 OR  
W87PAX 14029 0210 2 FL  
W87PAX 14028 1254 6 CA  
YB0DPO 14029 1355 2 FL  
YC0DPO 14012 1139 3 NY  
YZ9RA 14031 2347 30 WV  
ZF2KN 14027 0238 7 CA

-----20 Meter SSB-----  
1Z9B 14225 1430 4 OR  
1Z9B 14226 1516 27 OR  
1Z9B 14218 1450 31 OR  
3C1MB 14236 0019 31 NH  
3D2ER 14207 0548 2 OR  
4S7VK 14183 0220 27 MA  
4U1UN 14195 1410 1 WV  
5H3BH 14185 2228 1 MO  
5H3BH 14197 2005 2 NH  
5H3RB 14172 2100 2 MA  
5L2X 14160 2230 3 CA  
5N0/ 14198 0012 31 NH  
JG1FWZ 14198 0116 31 MI

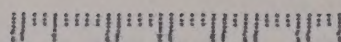
5R8JD 14220 0617 2 MD  
5T5NU 14236 0015 28 VT  
5T5NU 14216 0050 29 NH  
5W1FT 14309 0412 2 NH  
5W1FT 14220 0347 6 CA  
5W1GF 14220 0327 15 NY  
5X5GK 14183 0450 27 VA  
6W6JX 14160 0014 5 OR  
6W6JX 14228 0031 29 PA  
6Y25DO 14157 0013 3 OR  
6Y25IC 14160 2230 5 CA  
7X25DS 14160 2227 5 CA  
7X25LS 14158 2312 26 CT  
7X25LS 14176 0008 29 MA  
8R1RPN 14192 0100 29 NH  
9K2YA 14243 0410 25 PA  
9Q5NW 14179 2103 31 WV  
A35SA 14220 0410 30 MO  
A35SA 14309 0433 31 OR  
A92BE 14159 0315 26 MO  
AP2AU 14175 0238 1 PA  
AP2AU 14189 0148 28 NH  
AP2MQ 14184 1807 2 OR  
AP2MQ 14179 0243 4 OR  
AP2MQ 14196 0055 29 OR

BV2FA 14192 1628 2 CA  
BV2FA 14182 1526 3 OR  
C21XX 14220 0414 8 CA  
C31LDL 14247 2157 1 GA  
CE0ZIJ 14211 0205 26 MA  
CN8EL 14171 2331 27 OR  
CP8AL 14204 0051 29 PA  
CR6BFL 14179 0055 6 CA  
CT7BY 14194 2333 27 OR  
DU1KT 14180 1232 1 MN  
DU9RG 14180 1216 2 VA  
DX1DBT 14183 0903 7 CA  
EA6BE 14208 0002 3 CA  
EA9KQ 14242 0101 29 PA  
FK0AW 14199 0504 2 OR  
FO0FB 14182 0424 1 PA  
FO0FB 14185 0232 4 MO  
FR5ES/J 14220 0504 2 MD  
FR5ES/J 14198 0515 28 OR  
GI0AIJ 14172 2347 2 CA  
HP1XJN 14193 0040 31 MI  
HP2HDA 14206 0124 29 PA  
HS0B 14195 1522 31 OR  
HZ1AB 14218 0302 3 MD  
HZ1AB 14198 1957 4 NJ  
HZ1AB 14182 2110 26 MO  
JT7KAA 14180 1619 1 NH  
KC6HA 14309 0340 1 PA  
KC6JC 14220 0638 4 MD  
KH7/ 14210 0458 2 MD  
KH6JEB 14186 0912 7 CA  
KS6FL 14289 0459 25 PA  
OD5RH 14205 0157 28 NH  
OX3KM 14243 0014 2 VT  
OY6FRA 14222 2148 28 NH  
OY6FRA 14223 0028 29 PA  
P4/N0GVQ 14201 2345 1 CT  
RA1QA/RH 14196 0237 1 WV  
S83H \* 14179 1313 4 MO  
SU1AL 14192 0047 2 NH  
SU1FN 14248 1840 4 MD  
SV0AC/9 14228 2055 25 VT  
TF3BM 14150 2130 29 MO  
TI8CBT 14217 0109 28 OR  
TI8CBT 14195 0715 31 OR  
TL8DN 14200 2141 2 NH  
TU2RS 14154 2135 29 MO  
TU4CP 14170 2215 1 MN  
UA10T 14226 1804 2 OR  
UF6VB 14170 0522 28 OR  
UI8ZAA 14215 0158 28 NH  
UL7NW 14179 0231 27 OR  
UL8LYA 14180 1120 2 MO  
UL8LYA 14223 1220 2 NH  
UZ9JWA 14176 0100 1 WV  
V44KAR 14224 1229 2 VA  
V85DO 14242 0800 2 CA  
V85PO 14182 1531 31 OR  
VK9ND 14201 0543 6 OR  
VR6TC 14170 0414 3 MD  
VR6TC 14178 0200 29 MN  
VU2CK 14167 0145 27 MO  
VU2GI 14195 1622 2 CA  
W87PAX 14250 0247 1 WV  
XE1CI 14230 2207 1 GA  
XX9KA 14212 1529 3 OR  
YB19AR 14157 1344 25 OR  
YT0A 14189 2153 30 WV  
ZK1CG 14309 0337 2 NH  
ZK1CG 14220 0408 3 CA  
ZK1CG 14171 0318 26 MO  
ZL7AA 14309 0350 1 PA  
ZL7AA 14220 0238 6 CA  
ZL8HV 14197 0420 31 OR

-Bandpass continued P2-

Key to Bandpass: Callsign, frequency, UTC, day of month, state. \* = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.





8 00498 87/09  
A A LAUN K320  
AMERICAN EMBASSY (USIS)  
APO MIAMI FL 34021

## FIRST CLASS MAIL

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## CALENDAR

Issue 400 - Aug. 14, 1987

(Changes and hot info in boldface.)

Algeria - 7X	7X2LS 20 SSB 01-03Z	I389	Saudi Arabia HZ	HZ1AB 14150-80 0130Z	I399
Bahrain - A9	A92BE 14150+ 02-04Z	I394	Sri Lanka - 4S	4S7RO, EA 01-02Z or	
Belize - V3	V3DZ 7162 at 0700Z	I398		15-1600Z 14160-180	I388
Brunei - V85	14185-190 11-1400Z	I398	Sudan - ST	4S7EF 14050 1700Z	I395
Chatham Is - ZL7	ZL7IX, DE 7162 0700Z	I399	Svalbard - JW	PA0GAM/ST2 now on	I400
China - BY	BY0CQ Aug. 16-18	I396	Syria - YK	SP5EXA/JW 20 M CW	I394
	BY4RB 14030 12-1300Z	I399	Taiwan - BV	OE8HFL/YK 14215 04Z	I393
Crozet - FT8W	FT8WA 14236 0400Z	I389	Thailand - HS	BV2DA 14004 12-1300Z	I399
Easter Is - CE0	CE0GHO YL 14220 23-0200Z			HS0A in contests, HS0B	
	weekends	I388	Tristan Chuna	weekends	I371
Eq. Guinea - 3C	3C1MB 14245 or 14007		Tunisia - 3V	ZD9BV 21265 1700Z	I399
	after 2300Z	I391	Zaire - 9Q	3V8RFA Oct 17-27	I394
Fernando - PY0F	Sept. 9-13 all modes	I400		9Q5NW 14180 2000Z, also	
Fiji - 3D	3D2JO 14220 0500Z	I394	Zone 23	9Q5YL. Try 21250 too	I399
Franz Josef	UA10T 14227 1600Z	I394		BY0AA 14014 0030-0130	
French Polynesia	FO0DRD Sept 17-Oct 3	I400			
Greenland - OX	F6CBH, F6IHH Aug 3-23	I398			
Hong Kong - VS	VS6DO 14020 1145Z	I399			
Iwo Jima - KA	KA2IJ Sept 2-16	I400			
Jan Mayen - JX	JX9CAA 14220 1800Z	I399			
Johnston Is - KH3	KL7LF, NH6D 20 0400Z	I394			
	KL7LF/KH3 on RTTY	I395			
Juan de Nova FR/J	FR5ES through Aug.	I400			
	7005 03-0500Z + nets	I400			
Kermadec - ZL8	ZL8HV 14195 0400Z	I393			
	14220 at 0400Z	I394			
Kerguelen - FT8X	FT8XD 14010 0630Z	I397			
Lebanon - OD	OD5RH 14220 0200Z	I399			
Liechtenstein HB0	HB0/YT3AM Aug 14-22	I398			
Macquarie - VK0	VK0GC 14309 0300Z	I389			
	VK0ML 10 up CW 06Z	I390			
Malagasy - 5R	5R8JD by TU2NP	I393			
Minami Tori. KA	KA2CC Aug. 21-28 SSB	I399			
Mongolia - JT	JT1BG 14178 1630Z	I394			
Nauru - C2	C21XX 7163 06-0700Z	I393			
	C21NI Aug. 11-17	I396			
Qatar - A7	A71BK 20 SSB 02-04Z	I389			
Russians - U/R	Lots 0200, 1500Z	I383			
St. Pierre - FP	NE4L/FP Sept. 11-14	I400			

### DX Activities and Contests

Date	Event or Activity	Info
Aug. 15-16	SARTG RTTY Contest	CQ
Aug. 15-16	SEANET SSB Contest	CQ
Aug. 22-23	Worked All Asia CW	CQ
Sept. 12	W9DXCC DX Convention	I399
Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH
Oct. 10	New England DXCC	W1EED

### Contributors

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